

- Low-loss RF filter for mobile telephone WCDMA Band VIII systems and GSM 900 systems, receive path (RX).
- Revision 0: July 2018

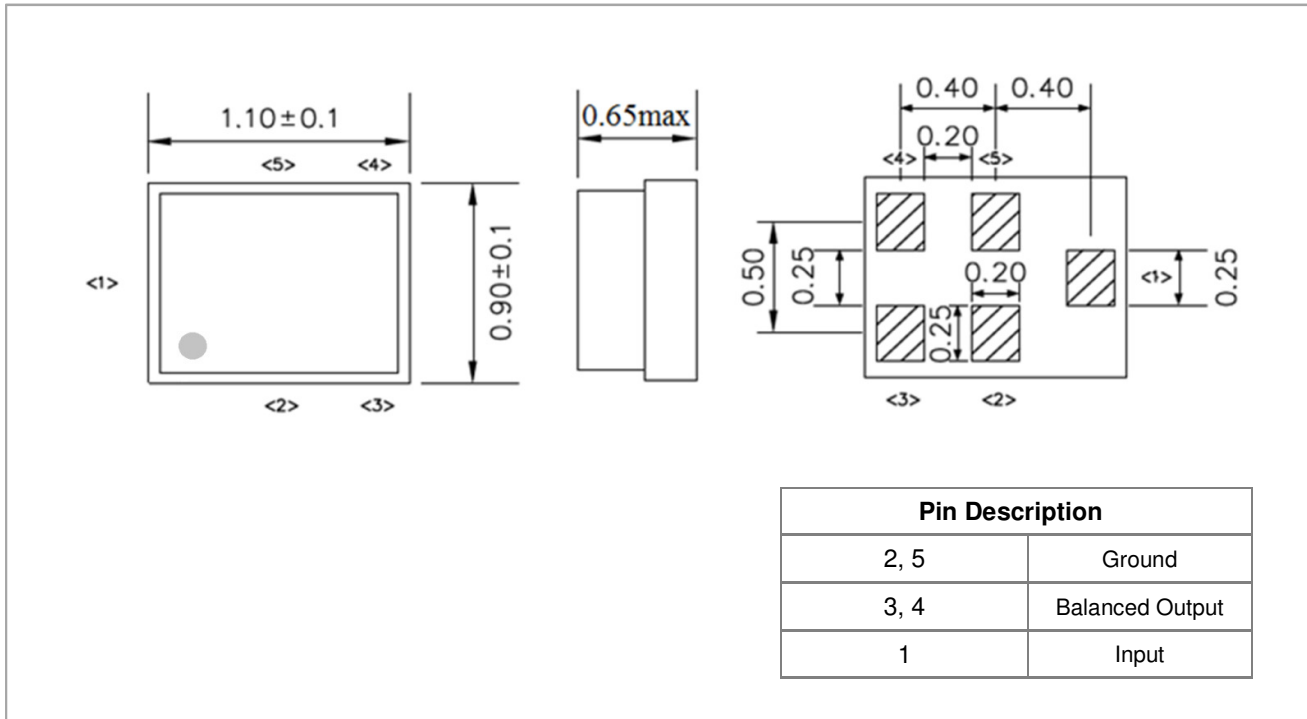
## Electrical Characteristics

MAXIMUM RATING				
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
DC Voltage @25 °C	V	-	-	5
Working Power (2000 hours)	dBm	-	-	15
ESD(MM) voltage	V <sub>DC</sub>	-	-	50
ESD(HBM) voltage	V <sub>DC</sub>	-	-	175
Source Impedance (unbalanced) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (balanced) <sup>(1)</sup>	Ω	-	150 or 100	-
Package type & size	C			
Length x Width	mm <sup>2</sup>	-	1.1 x 0.9	-
Height	mm	-	-	0.65

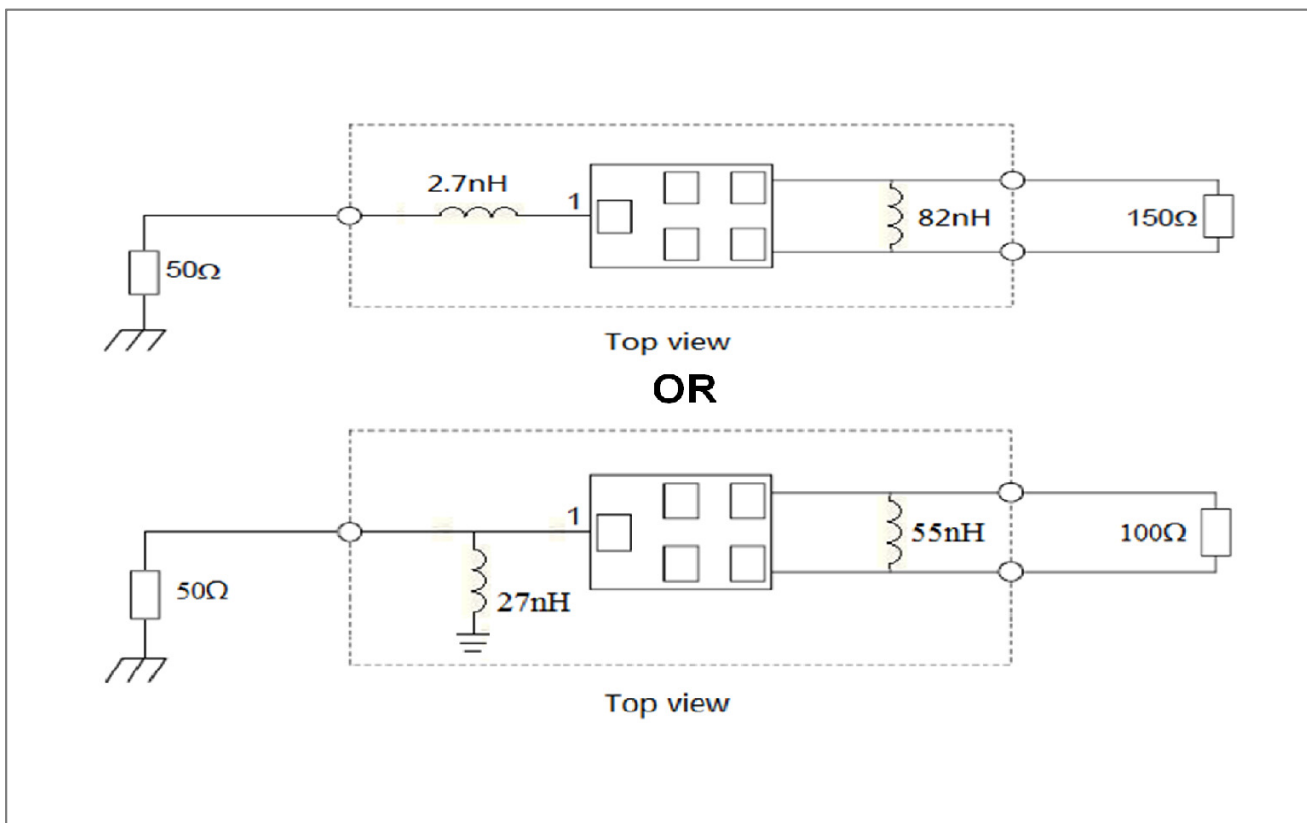
ELECTRICAL SPECIFICATION				
Parameters Description	Unit	Minimum	Typical	Maximum
Insertion Loss within 925.0 ~ 960.0 MHz	dB	-	2.1	2.7
Pass band Ripple within 925.0 ~ 960.0 MHz	dB	-	0.7	1.4
VSWR(Ant. Port) within 925.0 ~ 960.0 MHz	-	-	1.7	2.0
VSWR(Rx Port) within 925.0 ~ 960.0 MHz	-	-	1.7	2.0
Amplitude Balance	dB	-	±0.2	±0.8
Phase Balance	°	-	180±1.4	180±8
<b>Absolute Attenuation:</b>				
0.1 ~ 860.0 MHz	dB	55	70	-
860.0 ~ 880.0 MHz	dB	55	70	-
880.0 ~ 905.0 MHz	dB	45	60	-
905.0 ~ 915.0 MHz	dB	25	30	-
980.0 ~ 1030.0 MHz	dB	25	28	-
1030.0 ~ 1040.0 MHz	dB	45	50	-
1040.0 ~ 2500.0 MHz	dB	45	60	-
2500.0 ~ 6000.0 MHz	dB	35	46	-

**Notes :** (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

## Package Dimensions



## Testing Environment



## Frequency Characteristics

